

# Product Datasheet

## Characteristic

# 9012GGW4

pressure switch 9012G - adjustable  
scale - 2 thresholds - 0 to 175 psig



## Main

range of product	9012G
pressure sensor type	Electromechanical pressure switch
pressure sensor name	9012G
pressure sensor size	175 psi
maximum pressure	240 psi
contacts type and composition	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
controlled fluid	Air Hydraulic oil (-40...250 °F) Non-corrosive liquids Non-corrosive gas
fluid connection type	0.25 inch 18 NPTF conforming to UL 508
pressure switch type of operation	Monitors the difference between 2 thresholds
scale type	Adjustable differential
local display	Without

## Complementary

range on decreasing pressure	0...175 psi
approx adjustable differential at mid range	5...15 psi increasing 0.5...36 psi decreasing +/- 2.5 % full scale
cable entry	0.5 inch NPT conduit entrance
terminal block type	4 screw terminals
electrical connection	Screw-clamp terminals, AWG 22...AWG 12
electrical circuit type	Control circuit
local signalling	Without
[In] rated current	3 A (Ue = 240 V AC) contact code: A600 conforming to NEMA rating designation 6 A (Ue = 120 V AC) contact code: A600 conforming to NEMA rating designation 0.27 A (Ue = 250 V DC) contact code: R300 conforming to NEMA rating designation 0.22 A (Ue = 125 V DC) contact code: R300 conforming to NEMA rating designation
setting	Internal
enclosure material	Die cast aluminium alloy 380

pressure actuator	Diaphragm (nitrile (Buna-N))
height	7.08 in
depth	2.63 in
width	3.5 in
operating position	Any position
materials in contact with fluid	Zinc plated steel Nitrile (Buna-N)
short-circuit protection	10 A by gL (cartridge) overload and short-circuit protection
operating rate	<= 120 cyc/mn
mechanical durability	5000000 cycles
repeat accuracy	4 %
product weight	3 lb(US)

## Environment

vibration resistance	2 gn conforming to IEC 68-2-6 (f = 40...150 Hz)
shock resistance	50 gn conforming to IEC 58-2-27
standards	CE UL 508 CSA C22.2 No 14
product certifications	CE CSA LR25490 class 3211 03 UL listed file E12158 CCN NKPZ and CCN NTHT
NEMA degree of protection	NEMA 4/4X/13 conforming to UL 50
ambient air temperature for operation	-10...185 °F

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1150 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available